

INFORMATION REPORT

Aug
COUNTRY **USSR**

DATE DISTR. **25** March 1977 50X1-HUM

SUBJECT **Planned Change from Direct to Alternating Current**

NO. OF PAGES

PLACE
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REPORT NO.

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1.

The Russians intend to install direct current instead of alternating current throughout the USSR. [redacted] the reason for this is that the loss of electric energy over long distances is less for direct than for alternating current 50X1-HUM

2. As part of this scheme, factories for the building of rectifiers are being planned, one of the most important of which is to be erected at Sverdlovsk. A high tension transmission plant (400,000 volts) at Moabit, Germany, with a trial high tension line for converting alternating to direct current, has been removed and re-erected near Moscow. 50X1-HUM

3.

[redacted] the Russians are very short of graphite for electrodes.

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Document No. 005
NO CHANGE in Class. ☐
☐ DECLASSIFIED
Class. CHANGED TO: TS S (C)
DDA Memo, 4 Apr 77
Auth: DDA REG. 77
Date: 4 May 78

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